

20080316.ba v04_n153.bam.20080316

>From ???@??? Sat Mar 15 19:11:42 2008 -0500
Date: Sun, 16 Mar 2008 00:11:00 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4153
Message-Id: <20080316001101.15A7831815A@srvr1.theporch.com>

BOATANCHORS Digest 4153

Topics covered in this issue include:

- 1) Kcs Clutch Problem R-390A, Fixed
by Mike Hardie <mike46@shaw.ca>
- 2) HUGE auction. Ten-hut
by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
- 3) Don't Dump Your Boatanchors Yet
by David Hollander <n7rk@cox.net>
- 4) Galaxy/Hygain Stuff wanted
by Robert Kemp <bkemp@bobkemp.com>
- 5) QST article sought - Mar 1966
by "k4pf@juno.com" <k4pf@juno.com>
- 6) Conducting glue?
by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
- 7) 4E27 tubes
by "George Levites" <levites1@verizon.net>
- 8) Re: [Boatanchors] TURBO RANGER FS
by "Ken" <n5cm@rtconline.com>
- 9) Re: QST article sought - Mar 1966
by "Chuck Grandgent" <chuck@chuckg.com>
- 10) Re: QST article- Mar 1966 Sent
by "B. Smith" <smithab11@comcast.net>
- 11) Re: Ham estate sale 3/21 Charlotte NC
by "David Stinson" <arc5@ix.netcom.com>
- 12) Re: Original ARRL Handbook Reprint
by Garey Barrell <k4oah@mindspring.com>
- 13) Re: QST article sought - Mar 1966
by "k4pf@juno.com" <k4pf@juno.com>
- 14) Re: [Boatanchors] Intelligibility on SSB
by "Ken" <n5cm@rtconline.com>
- 15) Re: Ham estate sale 3/21 Charlotte NC
by wf2u@ws19ops.com
- 16) Re: Conducting glue?
by "Arden Allen" <gumbear@pacbell.net>
- 17) Galaxy Parts needed
by Robert Kemp <bkemp@bobkemp.com>
- 18) R-390A PTO End Point Adjustment

- by Mike Hardie <mike46@shaw.ca>
- 19) R-390A Gear Springs
by Mike Hardie <mike46@shaw.ca>
- 20) Need Drake R-4C PTO bearing or complete unit
by "Jose V. Gavila" <eb5agv@ctv.es>
- 21) What is a ISLATROL Model LRI-115
by Edward J White <wa3bzt@verizon.net>
- 22) Some Aluminum pipe to sell in Atlanta
by AH7I <ah7i@atl.org>
- 23) Why Hollowstate Is Better
by Jerry Proc <jerry7proc@yahoo.com>

Date: Tue, 11 Mar 2008 13:55:51 -0700
From: Mike Hardie <mike46@shaw.ca>
Subject: Kcs Clutch Problem R-390A, Fixed
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <000b01c883ba\$4a398b20\$6401a8c0@user25441bd096>
MIME-version: 1.0
Content-type: text/plain; format=flowed; charset=iso-8859-1; reply-type=original
Content-transfer-encoding: 7bit

First of all thanks to the many people who sent advice, it was much appreciated. For those of you who didn't see the first posting the problem was not being able to use the dial adjustment on an R-390A to make the frequency readout read correctly. There was resistance when screwing in the "Zero Adj" knob, but the clutch didn't disengage.

After taking the *&^%\$ clutch apart 3 times the light bulb came on. The disc on the end of the zero adjust shaft that presses on the three clutch pins was missing. I made a 1 1/4" diameter disc out of .063 aluminum, drilled a small hole in the center to fit over the adjustment shaft, and it works. The 1 1/4" diameter was a guess, it's slightly larger than where the pins are located.

My guess is that sometime in the dim and distant past an operator unscrewed the adjustment too far forcing the disc off the end of the shaft, and it dropped down out of the chassis. There's a spring clip on the shaft that should prevent that from happening but it and the disc were missing on this radio.

Now to see if all the gears and cams are still "friends".

Mike VE7MMH

Date: Wed, 12 Mar 2008 07:38:14 -0400 (EDT)
From: stuck in 50s <polepeeg@aa4rm.ba-watch.org>

Message-Id: <200803121138.m2CBcERm017276@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HUGE aution. Ten-hut

posted on another reflector---->

```
} Sender: arc5-bounces@mailman.qth.net
} Errors-To: arc5-bounces@mailman.qth.net
} X-Bogosity: No, tests=bogofilter, spamicity=0.000000, version=0.16.4
} Status: R0
} Content-Length: 747
}
} The link below will send you to photos, etc. of some of the unusual
} equipment, tubes, etc. to be auctioned at the Charlotte Spring Meet
} of the Carolina
} Chapter of the Antique Wireless Association. This meet is 20,21 &
} 22 March at
} the Sheraton Airport Hotel on I-85 in Charlotte, NC. Lots of Military gear,
} too!
}
} _http://cc_awa.homestead.com/Buehlmann_estate_photos.html_
} (http://cc_awa.homestead.com/Buehlmann_estate_photos.html)
}
} Thanks,
} John Allen W4GQT
}
}
}
}
```

Message-ID: <47D7E179.7060708@cox.net>
Date: Wed, 12 Mar 2008 06:58:17 -0700
From: David Hollander <n7rk@cox.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Don't Dump Your Boatanchors Yet
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Is shortwave a short-timer?

<http://www.rfdesignline.com/206902566>

--

Dave N7RK Boatanchors Home Page: <http://members.cox.net/n7rk>
Phoenix, Arizona *DXCC Honor Roll* *WAZ#22 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector

Message-ID: <47D7E834.2060106@bobkemp.com>
Date: Wed, 12 Mar 2008 09:27:00 -0500
From: Robert Kemp <bkemp@bobkemp.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Galaxy/Hygain Stuff wanted
Content-Type: multipart/mixed;
 boundary="-----030505010708080809010202"

This is a multi-part message in MIME format.
-----030505010708080809010202
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I'm looking for a Galaxy (Hygain GT550A Blue Trim version) Speaker
Console and RF wattmeter/antenna switch plus the remote vfo. Anyone got
any thing like that laying around? Maybe would look at the Gold trimmed
version also.

Bob
wa0vrc

-----030505010708080809010202
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----030505010708080809010202--

Mime-Version: 1.0
From: "k4pf@juno.com" <k4pf@juno.com>
Date: Wed, 12 Mar 2008 15:27:29 GMT

To: Old Tube Radios <boatanchors@theporch.com>
Subject: QST article sought - Mar 1966
Message-Id: <20080312.112729.2514.1@webmail19.vgs.unttd.com>
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline
Content-Type: text/plain; charset=ISO-8859-1

Hi, Gang

Could anyone send me the "Technical Correspondence"
column from March 1966 QST?

It deals with a previous article (which I do have) about
modifying the Heath Cantenna for use as an rf Wattmeter
through the addition of a 6AL5 rectifier tube.

Thanks,
Ed Knobloch
k4pf@juno.com

Date: Wed, 12 Mar 2008 12:33:52 -0400 (EDT)
From: stuck in 50s <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200803121633.m2CGXqu3018660@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Conducting glue?

Seems little metal-canned HC-16/U xtals have gold-plated quartz with
leads glued to plating

Anyone familiar with subject & could reference some common product to
use for repair of a manhandled 100kc thing here?

Tnx / Marty the 'rm

Date: Wed, 12 Mar 2008 17:34:12 -0400
From: "George Levites" <levites1@verizon.net>
Subject: 4E27 tubes
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <001a01c88488\$d13d3fd0\$6400a8c0@D2R74Y11>
MIME-version: 1.0
Content-type: multipart/alternative;
boundary="====_NextPart_000_0017_01C88467.4908CAB0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0017_01C88467.4908CAB0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi All >

I have two 4E27 tubes free to a good home. Tube box printing says: U.S =
Army - U.S. Navy JAN CYN - 4E27 Order No. 22840 Lewis Electronics
November 1944.
Cleaning house & I hate to chuck these in the dumpster if someone could =
use them. An on-line supplier of old tubes is offering them at + \$40 =
each.

If interested, pse contact me off-list. You pay shipping charges.

73 de George K2MYR
-----=_NextPart_000_0017_01C88467.4908CAB0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
* (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=_NextPart_000_0017_01C88467.4908CAB0--

Message-ID: <000001c8850f\$a81aee40\$020fa8c0@KEN>
From: "Ken" <n5cm@rtconline.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [Boatanchors] TURBO RANGER FS
Date: Thu, 13 Mar 2008 05:37:52 -0800
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Ken" <n5cm@rtconline.com>
To: "RAY FRIESS" <rayfrijr@msn.com>
Sent: Thursday, March 13, 2008 5:31 AM

Subject: Re: [Boatanchors] TURBO RANGER FS

Hi Ray & Gang,

Consider us very senior senior citizens. Many of us do not have perfect hearing. Add to that less than good quality transmissions and we have a problem worse than if the audio is "natural", the natural human voice!

I prefer my partner in a QSO sound human!
FWIW,

Ken N5CM

>
> ----- Original Message -----
> From: "RAY FRIESS" <rayfrijr@msn.com>
> To: "Dee Almquist" <w4pnt@highspeedlink.net>; <johnson@mailman.qth.net>
> Cc: <boatanchors@mailman.qth.net>; <boatanchors@listserv.tempe.gov>
> Sent: Wednesday, March 12, 2008 6:19 PM
> Subject: RE: [Boatanchors] TURBO RANGER FS
>
>
>
> You know .. I worked in broadcast radio for over 30 years. I am still
> trying to figure out WHY so many
> ham operators insist on having or are so enamored with having broadcast
> quality audio on their rigs, whether
> new rigs or boatanchors.
>
> If someone wants to be in broadcast radio, go into broadcast radio. We
> arent shortwave broadcasters or
> commercial broadcasters. We're hobbyists with the goal being to
> communicate with each other, not to broadcast
> symphony orchestras or the latest rock and roll.
>
> I'm not complaining I'm just wondering and commenting. The
> motivation is a real puzzler....

--

I am using the free version of SPAMfighter for private users.
It has removed 1029 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: <http://www.spamfighter.com/en>

Message-ID: <a913924b0803130501t7ea3223fv458c73538429b40d@mail.gmail.com>
Date: Thu, 13 Mar 2008 08:01:15 -0400
From: "Chuck Grandgent" <chuck@chuckg.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: QST article sought - Mar 1966
Cc: "Old Tube Radios" <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="-----=_Part_14436_31248685.1205409675895"

-----=_Part_14436_31248685.1205409675895
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

<http://www.chuckg.com/images/QSTmar66p77c.jpg>

click on the image in your browser to magnify the image.

73, Chuck, K10M

On Wed, Mar 12, 2008 at 11:27 AM, k4pf@juno.com <k4pf@juno.com> wrote:

>
> Hi, Gang
>
> Could anyone send me the "Technical Correspondence"
> column from March 1966 QST?
>
> It deals with a previous article (which I do have) about
> modifying the Heath Cantenna for use as an rf Wattmeter
> through the addition of a 6AL5 rectifier tube.
>
> Thanks,
> Ed Knobloch
> k4pf@juno.com
>
>

-----=_Part_14436_31248685.1205409675895
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
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* * * * *

-----=_Part_14436_31248685.1205409675895--

Message-ID: <000d01c8850b\$0f231130\$7536c847@HAL1000>
From: "B. Smith" <smithab11@comcast.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: QST article- Mar 1966 Sent
Date: Thu, 13 Mar 2008 09:06:32 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

1966 Article has been sent to Ed.
73
Breck k4che

----- Original Message -----
From: <k4pf@juno.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Wednesday, March 12, 2008 11:27 AM
Subject: QST article sought - Mar 1966

Hi, Gang

Could anyone send me the "Technical Correspondence"
column from March 1966 QST?
Ed Knobloch
k4pf@juno.com

Message-ID: <001201c8850c\$51bcf960\$6501a8c0@boudreaux>
From: "David Stinson" <arc5@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Ham estate sale 3/21 Charlotte NC
Date: Thu, 13 Mar 2008 08:15:26 -0500
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original

Content-Transfer-Encoding: 7bit

(wondering if I could hitch a ride on an east-bound freight train...
but then, how to get the stuff back?)

Message-ID: <47D940A5.1070903@mindspring.com>
Date: Thu, 13 Mar 2008 10:56:37 -0400
From: Garey Barrell <k4oah@mindspring.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Original ARRL Handbook Reprint
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Liles -

That reprint was included with new 2006 Handbooks as a "premium". I
don't believe it was ever sold separately.

You might be able to find one (they were shrink-wrapped together) at one
of the larger Ham dealers who might have some left.?

73, Garey - K40AH
Glen Allen, VA

Drake 2-B, 4-B, C-Line & TR-4/C Service Supplement CDs
<www.k4oah.com>

Liles Garcia wrote:

> Good afternoon Everybody,
>
> I am researching radio history near the time that my National SW-5 was
> available (it was first announced in 1930). Believe it or not, radio
> technology was moving pretty quickly considering the knowledge at this time.
> I have two original ARRL Handbooks of this era. I was lucky and bought mine
> at reasonable prices.
>
> These early ARRL Handbooks sell for really high prices on EBay as I am sure
> that you all that are interested in these already know. A few months ago
> the original 1926 Edition of the ARRL Handbook was listed for \$ 426.00 on
> EBay; this price is definitely out of my league!!!
>
> However, a reprint of the 1926 First Edition that was reprinted by the ARRL
> in 2006 is listed on EBay right now. I didn't know that there was such a
> reprint until I saw it on EBay this past weekend. I tried to find it on the

> ARRL's website, but I couldn't find it in the ARRL publications section.
> How many copies of this reprint did the ARRL make; and how common are they
> at swapmeets, bookstores, etc? Also, what was the price at publication on
> one of these Handbooks? The price on EBay is \$ 16.50 as of several minutes
> ago. I am not planning on buying this reprint on EBay because I am thinking
> that the price will jump right up as the day progresses along. Is there
> another good source for this reprint?
>
> I know that we are not supposed to discuss EBay on our List, but in this
> case I am using EBay as a common knowledge point just as we would use prices
> at Home Depot, Lowe's, Antique Electronics Supply, Fair Radio, etc. How is
> that for using " weasel words " for a weak excuse??
>
> Many thanks for your all's advice and help!!
>
> Best regards from Aloha, Oregon,
> Liles Garcia
> landn2@verizon.net
>
>
>
>
>

Mime-Version: 1.0
From: "k4pf@juno.com" <k4pf@juno.com>
Date: Thu, 13 Mar 2008 15:16:59 GMT
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Re: QST article sought - Mar 1966
Message-Id: <20080313.111659.1018.3@webmail06.vgs.unttd.com>
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline
Content-Type: text/plain; charset=ISO-8859-1

The article has been rvcd - thanks for the offers, fellows!

73,
Ed

-- "k4pf@juno.com" wrote:

>Could anyone send me the "Technical Correspondence"
>column from March 1966 QST? <snip>

Message-ID: <000001c88535\$ab180c60\$020fa8c0@KEN>
From: "Ken" <n5cm@rtconline.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [Boatanchors] Intelligibility on SSB
Date: Thu, 13 Mar 2008 10:10:46 -0800
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Harold & Gang,

As I see it, a rather big problem exists because of the trend in design cutting off the lows, at 300 cycles & down, the later Collins rigs went down from a 3.1 bandpass to a 2.1 I believe cutting off at 400 cycles. I have a deep voice. If you cut off everything below 400 cycles, you are not hearing my natural voice, you're hearing the harmonic content. When the Collins KWM2 came out a good friend of mine, W5DLA in Gulfport Miss, bought one with the recommended microphone. Well, I had been talking to many hams on 75 meters for years almost all using phasing rigs. I visited W5DLA while passing thru his town and he was talking to the usual crowd that hung out on 3925 Kcs. When I spoke to them, none, and I mean NONE, knew who I was! When I told them they were skeptical. My home rig was a Central Electronics 10B driving a homebrew modified 1625 gg driving 4 modified 1625's gg using a D-104 microphone.

Another ham on the Mississippi Gulf Coast used to remark out of a clear blue sky while in a roundtable, "Ken you sound like BBC!" No mistaking who I was! No, I have never worked in the Commercial Broadcast Service!
FWIW,

Ken N5CM

----- Original Message -----

From: "Harold Hairston" <k4hca@alltel.net>
To: "Ken" <n5cm@rtconline.com>; <boatanchors@mailman.qth.net>; <boatanchors@theporch.com>
Sent: Thursday, March 13, 2008 6:12 AM
Subject: Re: [Boatanchors] TURBO RANGER FS

I'm thinking, the better it is, the worse I am
> going to sound!
> Now, am I going in the right direction?
>

> Harold

--

I am using the free version of SPAMfighter for private users.
It has removed 1029 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: <http://www.spamfighter.com/len>

Message-ID: <20080313174658.7t09uj8zk0ko8w8g@webmail.opentransfer.com>
Date: Thu, 13 Mar 2008 17:46:58 -0500
From: wf2u@ws19ops.com
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Ham estate sale 3/21 Charlotte NC
MIME-Version: 1.0
Content-Type: text/plain;
 charset=ISO-8859-1;
 DelSp="Yes";
 format="flowed"
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

That early SCR-288 I bought last weekend is from that estate.

I took the day off to go to the AWA meeting in Charlotte on the 21st.
I wouldn't miss it for anything... Maybe I'll be able to afford a few
goodies.

BTW thanks for the pointers on putting it on the air. I got a
standard, run of the mill BC-474 without the case, with the manual a
few years ago. I'm in the process of making a power supply for it, no
negatives grounded except for the filament negatives...

73, Meir WF2U
Landrum, SC

Quoting David Stinson <arc5@ix.netcom.com>:

> (wondering if I could hitch a ride on an east-bound freight train...
> but then, how to get the stuff back?)

Message-ID: <004001c8857c\$1e5d77a0\$319f480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Conducting glue?
Date: Thu, 13 Mar 2008 19:22:30 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> Anyone familiar with subject & could reference some common product to
> use for repair of a manhandled 100kc thing here?

You could try silver loaded epoxy used for repairing PCB traces (Mouser,
Digi-Key). Resistance is low compared to xtal impedance so should work just
fine. Frequency calibration a separate matter.

Arden Allen
KB6NAX

Message-ID: <47DA7685.1000002@bobkemp.com>
Date: Fri, 14 Mar 2008 07:58:45 -0500
From: Robert Kemp <bkemp@bobkemp.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Galaxy Parts needed
Content-Type: multipart/mixed;
boundary="-----000301080703040307030409"

This is a multi-part message in MIME format.
-----000301080703040307030409
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I'm in need of the Conversion oscillator (sub assembly) from a GT550 or
GT550A. Anyone have a junker out there? (this is in the middle (front)
of rig and has 4 covered coil cans and the 5 xtals. Takes about 5
minutes to remove it.
Bob
wa0vrc

-----000301080703040307030409
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
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* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----000301080703040307030409--

Date: Fri, 14 Mar 2008 15:23:53 -0700
From: Mike Hardie <mike46@shaw.ca>
Subject: R-390A PTO End Point Adjustment
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <000c01c88622\$16465fe0\$6401a8c0@user25441bd096>
MIME-version: 1.0
Content-type: text/plain; format=flowed; charset=iso-8859-1; reply-type=original
Content-transfer-encoding: 7bit

The yellow striper is still on the bench, the clutch is fixed but I ran into an interesting problem while doing an end point adjustment on the PTO. The PTO was removed from the chassis (Technically not necessary for making the adjustment.) and the adjustment cover screw removed. (Cosmos PTO) Much to my dismay the hole was filled with red RTV sealant, the adjusting screw could not be seen. After much work with a dental pick the sealant was removed and the end points lined up. (Fortuantely it was necessary to dismantle the PTO and remove a turn from the coil, but the adjustment is now at the end of its travel.)

So was covering the adjustment screw with RTV sealant a modification? (The covering screw gasket is still intact, and the adjustment screw has a reasonable amount of friction to keep it from moving.)

Mike VE7MMH

Date: Fri, 14 Mar 2008 22:05:08 -0700
From: Mike Hardie <mike46@shaw.ca>
Subject: R-390A Gear Springs
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <001d01c8865a\$23c1ef30\$6401a8c0@user25441bd096>
MIME-version: 1.0
Content-type: text/plain; format=flowed; charset=iso-8859-1; reply-type=original
Content-transfer-encoding: 7bit

Does anyone know of a source for the very small extension springs that put tension on the double gears? Several of them are missing in my radio. The only new ones I've been able to locate are much too long.

Mike VE7MMH

Message-Id: <5.2.0.9.1.20080315181157.0691fec0@pop.wanadoo.es>
Date: Sat, 15 Mar 2008 18:13:49 +0100
To: Old Tube Radios <boatanchors@theporch.com>
From: "Jose V. Gavila" <eb5agv@ctv.es>
Subject: Need Drake R-4C PTO bearing or complete unit
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello!

I have got an otherwise nice R-4C unit but which has a damaged PTO bearing, which is missing most of the balls. I wonder if someone could have an spare bearing assembly, a parts unit with it or even a complete R-4C PTO.

Thanks for your help!

Regards,

JOSE

73 EB5AGV / EC5AAU - JOSE V. GAVILA
La Canyada - Valencia (SPAIN) - Loc: IM99SM

Vintage Radio: <http://jvgavila.com>
Vintage Test Equipment: <http://jvgavila.com/testeq.htm>
European Boatanchors List: http://groups.yahoo.com/group/euro_ba_swap

Date: Sat, 15 Mar 2008 14:43:06 -0500
From: Edward J White <wa3bzt@verizon.net>
Subject: What is a ISLATROL Model LRI-115
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <47DC26CA.1000706@verizon.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1; format=flowed
Content-transfer-encoding: 7bit

Hi Gang:

What is a ISLATROL model LRI-115 It looks like a plug in line filter.
Anybody have any information on it. It says 120VAC 15 A.

Ed

WA3BZT

Date: Sat, 15 Mar 2008 16:16:22 -0400 (EDT)
From: AH7I <ah7i@atl.org>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Some Aluminum pipe to sell in Atlanta
Message-ID: <Pine.LNX.4.58.0803151605530.4858@arthur.atl.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was planning phased verticals for 80m band but am not having much free time in Atlanta for ham radio so have decided that they have to find a new home. With the 3 11 foot sections you might do 3 elements for 40m

3" 6061-T6 Aluminum pipe with 0.216" wall thickness.
6 x 20' sections at \$120/each
3 x 11' sections at \$70/each
this stuff is close to \$10 a foot if you can find it locally.
15% off if you buy it all.
Located in Canton GA.

I also have 6 x steel pieces that may be used to assist in end to end joining of the sections. Included if you buy two pieces and want to join.

-bob
AH7I

Date: Sat, 15 Mar 2008 20:10:45 -0400 (EDT)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: Why Hollowstate Is Better
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Message-ID: <662877.40952.qm@web90606.mail.mud.yahoo.com>

Hello Everyone,

A story for the day.

Over two years ago, someone gave me a sandstate Icom R71 receiver (circa 1986) and manual for free. When I tested it , it was blowing the line fuse. Trying to sectionalize the short was to no avail so I replaced the 2 amp fuse with a 2 amp circuit breaker in order to intentionally create smoke. Success ñ the short was somewhere in the front panel assembly. Then the receiver sat on the bench waiting for one of those iget ěround to itĭ days. That happened today.

Thinking it would be easy to spot a charred component,

I dove into the front panel assembly where I was greeted with no less than five circuit boards, all different mountings and complexities. It is impossible to troubleshoot the front panel assembly without detaching it from the remainder of the radio which has several more circuit boards and a power supply.

This is beyond an engineering nightmare!! Although the ICOM engineers created a compact design, they made the radio impossible to service without either having test jigs, spare modules or factory expertise. This photo shows the front panel detached from the rest of the radio.

<http://www.jproc.ca/test/ic71.jpg>

To add insult to injury, most of the connectors are not labeled, obviously a cost saving for the factory but a headache to anyone who disassembles the set. As for complexity, the schematic for the radio is printed on both sides of an 11" x 30" piece of paper with symbols so small that a magnifying glass is required.

Needless to say the complexity overwhelmed me so I gave the radio a decent burial. Funny how one can still get a UV201 tube for a 1920's era radio but heaven help you if your old sandstate equipment develops a problem. Give me a tube radio any day. :-)

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Regards,
Jerry Proc
E-mail: jerry7proc@yahoo.com

Connect with friends from any web browser - no download required. Try the new Yahoo! Canada Messenger for the Web BETA at <http://ca.messenger.yahoo.com/webmessengerpromo.php>

End of BOATANCHORS Digest 4153
